

I claim:

1. A computer program product for using biometrics on pervasive devices for mobile identification, said computer program product embodied on a medium readable by said pervasive device and comprising:

programmable code means for capturing biometric data of a third party using a biometric input reader which is attached to or incorporated within a mobile pervasive device; and

programmable code means for identifying said third party using said captured biometric data by comparing said captured biometric data to previously-stored biometric data.

2. The computer program product according to Claim 1, further comprising:

programmable code means for transmitting said captured biometric data from said mobile pervasive device to a remote server;

programmable code means for retrieving, by said remote server, information from a repository using said transmitted biometric data; and

programmable code means for returning said retrieved information to said mobile pervasive device.

3. The computer program product according to Claim 2, wherein said retrieved information comprises a photograph of a party to whom said biometric data corresponds.

4. The computer program product according to Claim 2, wherein said retrieved information comprises access rights of a party to whom said biometric data corresponds.

1 5. The computer program product according to Claim 2, wherein said retrieved information
2 comprises protected information not locally accessible to said mobile pervasive device.

1 6. The computer program product according to Claim 2 or Claim 5, further comprising:
2 programmable code means for filtering, by said remote server, said retrieved information
3 based upon a determined identity of said third party; and
4 wherein said returned retrieved information is said filtered retrieved information.

1 7. The computer program product according to Claim 1, wherein said mobile pervasive
2 device further comprises a locally-stored repository containing said previously-stored biometric
3 data, and wherein said programmable code means for identifying compares, by said mobile
4 pervasive device, said captured biometric data to said previously-stored biometric data in said
5 locally-stored repository.

1 8. The computer program product according to Claim 1, wherein said computer program
2 product is used to enable on-demand creation of a secure meeting site by repeating operation of
3 said programmable code means for capturing and said programmable code means for identifying
4 for each of a plurality of meeting attendees.

1 9. The computer program product according to Claim 1, wherein said computer program
2 product is used to exchange a trusted message by performing operation of said programmable

code means for capturing and said programmable code means for identifying wherein said third party is a potential recipient of said trusted message.

10. A system for using biometrics on pervasive devices for mobile identification, said system comprising:

a mobile pervasive device;
a biometric input reader attached to or incorporated within said mobile pervasive device;
means for capturing biometric data of a third party using said biometric input reader; and
means for identifying said third party using said captured biometric data by comparing said captured biometric data to previously-stored biometric data.

11. The system according to Claim 10, further comprising:
means for transmitting said captured biometric data from said mobile pervasive device to a remote server;
means for retrieving, by said remote server, information from a repository using said transmitted biometric data; and
means for returning said retrieved information to said mobile pervasive device.

12. The system according to Claim 11, wherein said retrieved information comprises a photograph of a party to whom said biometric data corresponds.

1 13. The system according to Claim 11, wherein said retrieved information comprises access
2 rights of a party to whom said biometric data corresponds.

1 14. The system according to Claim 11, wherein said retrieved information comprises
2 protected information not locally accessible to said mobile pervasive device.

1 15. The system according to Claim 11 or Claim 14, further comprising:
2 means for filtering, by said remote server, said retrieved information based upon a
3 determined identity of said third party; and
4 wherein said returned retrieved information is said filtered retrieved information.

1 16. The system according to Claim 10, wherein said mobile pervasive device further
2 comprises a locally-stored repository containing said previously-stored biometric data, and
3 wherein said means for identifying compares, by said mobile pervasive device, said captured
4 biometric data to said previously-stored biometric data in said locally-stored repository.

1 17. The system according to Claim 10, wherein said system is used to enable on-demand
2 creation of a secure meeting site by repeating operation of said means for capturing and said
3 means for identifying for each of a plurality of meeting attendees.

1 18. The system according to Claim 10, wherein said system is used to exchange a trusted
2 message by performing operation of said means for capturing and said means for identifying
3 wherein said third party is a potential recipient of said trusted message.

1 19. A method for using biometrics on pervasive devices for mobile identification, said
2 method comprising the steps of:
3 capturing biometric data of a third party using a biometric input reader attached to or
4 incorporated within a mobile pervasive device; and
5 identifying said third party using said captured biometric data by comparing said captured
6 biometric data to previously-stored biometric data.

1 20. The method according to Claim 19, further comprising the steps of:
2 transmitting said captured biometric data from said mobile pervasive device to a remote
3 server;
4 retrieving, by said remote server, information from a repository using said transmitted
5 biometric data; and
6 returning said retrieved information to said mobile pervasive device.

1 21. The method according to Claim 20, wherein said retrieved information comprises a
2 photograph of a party to whom said biometric data corresponds.

1 22. The method according to Claim 20, wherein said retrieved information comprises access
2 rights of a party to whom said biometric data corresponds.

1 23. The method according to Claim 20, wherein said retrieved information comprises
2 protected information not locally accessible to said mobile pervasive device.

1 24. The method according to Claim 20 or Claim 23, further comprising the step of:
2 filtering, by said remote server, said retrieved information based upon a determined
3 identity of said third party; and
4 wherein said returned retrieved information is said filtered retrieved information.

1 25. The method according to Claim 19, wherein said mobile pervasive device further
2 comprises a locally-stored repository containing said previously-stored biometric data, and
3 wherein said identifying step compares, by said mobile pervasive device, said captured biometric
4 data to said previously-stored biometric data in said locally-stored repository.

1 26. The method according to Claim 19, wherein said method is used to enable on-demand
2 creation of a secure meeting site by repeating operation of said capturing step and said
3 identifying step for each of a plurality of meeting attendees.

